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## The Great Musculoskeletal Mystery [Part 1]

*Time to channel your inner Sherlock Holmes, Enola Holmes, or really any clever detective you'd like!*

### Instructions:

- Solve the clues / riddles → each answer will be an anatomical structure!
- Locate the corresponding tagged structures on the cadaveric specimens and write down the letter associated with each.
- Unscramble the letters to reveal the secret password... *let the sleuthing begin!*

### Example

**Clue:** "I cross two joints: they're both a 'hinge'. A kick in the heel makes my distal tendon whinge"

**Answer:** Gastrocnemius muscle

### Clues / Riddles:

- I am the biggest one in the human body... I hope I don't get on your nerves!  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- DING the *elevator* is here! Press the button for the penthouse — the ribs are going up.  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- Tom, Dick, and very nervous Harry walk into a bar. The bartender says, "Hey Tom!"  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- Just a 'little ship' in a big sea of tarsals. I might get hurt if you're stepping on marbles.  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- I travel with my vascular friends in a fascial sheath; watch your neck or I might 'wander' off.  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- Do we have a map of the world? I thought we had a few, but now I can't even SEE ONE!  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- A quintessential quartet, but only one is 'hip' enough to 'flex' its muscles more than the rest.  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- If I had a slogan, it would be "Fibrous on the outside, gooey on the inside".  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_
- There may be no "key" to happiness, but I am the "key" to unlocking the knee.  
**Answer:** \_\_\_\_\_ **Letter:** \_\_\_\_\_

### Secret Password:

\_\_\_\_\_

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### Example

**Clue:** "I cross two joints: they're both a 'hinge'. A kick in the heel makes my distal tendon whinge"

**Answer:** Gastrocnemius muscle

### Clues / Riddles:

- I'm the biggest one in the human body... I hope I don't get on your nerves!  
**Answer:** SCIATIC NERVE **Letter:** P
- DING the *elevator* is here! Press the button for the penthouse — the ribs are going up.  
**Answer:** LEVATORES COSTARUM **Letter:** G
- Tom, Dick, and very nervous Harry walk into a bar. The bartender says, "Hey Tom!"  
**Answer:** TIBIALIS POSTERIOR TENDON **Letter:** D
- Just a 'little ship' in a big sea of tarsals. I might get hurt if you're stepping on marbles.  
**Answer:** NAVICULAR BONE **Letter:** A
- I travel with my vascular friends in a fascial sheath; watch your neck or I might 'wander' off.  
**Answer:** VAGUS NERVE **Letter:** A
- Do we have a map of the world? I thought we had a few, but now I can't even SEE ONE!  
**Answer:** C1 VERTEBRA (ATLAS) **Letter:** I
- A quintessential quartet, but only one is 'hip' enough to 'flex' its muscles more than the rest.  
**Answer:** RECTUS FEMORIS **Letter:** R
- If I had a slogan, it would be "Fibrous on the outside, gooey on the inside".  
**Answer:** INTERVERTEBRAL DISC **Letter:** M
- There may be no "key" to happiness, but I am the "key" to unlocking the knee.  
**Answer:** POPLITEUS MUSCLE **Letter:** H

### Secret Password:

D I A P H R A G M